



1753  
eeW

PATENT APPLICATION  
Mo6846  
LeA 33,663

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICATION OF )  
CHRISTOPH SCHWEMLER ET AL ) GROUP NO.: 1753  
SERIAL NUMBER: 10/009,909 ) EXAMINER: A.S. PHASGE  
FILED: FEBRUARY 20, 2002 )  
TITLE: METHOD OF DECOMPOSING )  
ORGANIC COMPOUNDS IN )  
WATER )

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. 1.97(c)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This disclosure statement under 37 CFR 1.97 & 1.98 is submitted before the Final Action in order that the Patent and Trademark Office may consider the relevancy of certain information to the invention described and claimed in the subject application, and in compliance with the regulations concerning information disclosure statements.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an enveloped addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on 8/3/04  
Date

Aron Preis, Reg. No. 29,426  
Name of applicant, assignee or Registered Representative

[Signature]  
Signature

August 3, 2004  
Date

08/06/2004 ZJU HAR1 00000004 133848 10009909  
01 FC:1806 180.00 DA

This information is submitted in order that the Office may consider the present relevance of the following documents:

(i) U.S. Patent 5,505,856 disclosed a process for the purification of water that is contaminated with environmentally undesirable components. The process entails subjecting the water to at least two of the several treatments including treatment with ozone, treatment of UV radiation, treatment with a solid catalyst, such as activated carbon. Nothing in the document describes the water to be treated in accordance with the instantly claimed process. Moreover, the process parameters characterizing the instant process are not disclosed.

(ii) U.S. Patent 6,340,736 disclosed treatment of brine produced in an interfacial polycarbonate plant to render it useful for recycle to the electrolytic cell to produce chlorine. Waste brine stream is combined with ozone to produce an ozonated brine in which the amounts of organic contaminants is reduced. The ozonated brine is then acidified to remove carbonates and produce a decarbonated brine which is then concentrated to produce a treated brine in which the concentration of NaCl is at least 10 wt % NaCl.

(iii) U.S. Patent 4,676,908 disclosed treating waster water streams from the steam-extraction of heavy oils to remove organic contaminants, suspended solids and mineral contaminants, so as to produce a purified water stream of a quality suitable for reuse in steam production. Suspended solids are removed by coagulation, flocculation and flotation, organic contaminants are removed by activated carbon adsorption, and mineral contaminants are removed by electrodialysis or reverse osmosis and ion-exchange.

None of these documents is seen to describe the presently claimed process.

USPTO Form 1449 listing these documents is also enclosed.

This Information Disclosure Statement should not be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, that any reference mentioned herein constitutes prior art, or that the references listed, severally or in any combination with one another or with any other information, are believed to render

any claim in the subject application prima facie unpatentable.

Please charge the fee for filing the Information Disclosure Statement in the amount of \$180.00 to Deposit Account No. 13-3848. This paper is also authorization to charge any insufficiency of fees due with this filing to Deposit Account No. 13-3848. Triplicate copies of this paper are enclosed.

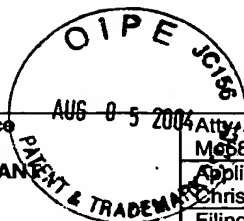
Respectfully submitted,

By



Aron Preis  
Attorney for Applicants  
Reg. No. 29,426

Bayer MaterialScience LLC  
100 Bayer Road  
Pittsburgh, Pennsylvania 15205-9741  
(412) 777-3814  
FACSIMILE PHONE NUMBER:  
(412) 777-3902  
s:/bsh/ap1016



Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. Mc5846/LeA 33,663	Serial No. 10/009,909
LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)		Applicant Christoph Schwemler et al	
		Filing Date February 20, 2002	Group 1753

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,676,908	06/30/87	Ciepiela et al	210	638	
	AB	5,505,856	04/09/96	Campen et al	210	668	
	AC	6,340,736 B1	01/22/02	Coenen et al	528	196	
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER	DATE CONSIDERED
EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Neither English Language Equivalent nor an English Language Translation is available.